



Cypress Semiconductor



MB91F527RSCEQ-GSK5E2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB91F527RSCEQ-GSK5E2                                                                                         |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 1.5MB FLASH 144LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

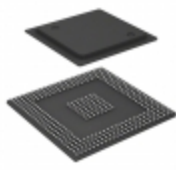
Specifications of MB91F527RSCEQ-GSK5E2

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB91F527RSCEQ-GSK5E2                                                                           |
| MANUFACTURER                     | Cypress Semiconductor                                                                          |
| DESCRIPTION                      | IC MCU 32BIT 1.5MB FLASH 144LQFP                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                     |
| DATA SHEET                       |                                                                                                |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (16x16)                                                                               |
| SPEED                            | 80MHz                                                                                          |
| SERIES                           | FR MB91520                                                                                     |
| RAM SIZE                         | 208K x 8                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                          |
| PROGRAM MEMORY SIZE              | 1.5625MB (1.5625M x 8)                                                                         |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                        |
| PACKAGING                        | Tray                                                                                           |
| PACKAGE / CASE                   | 144-LQFP                                                                                       |
| OTHER NAMES                      | MB91F527RSCEQ-GSE2<br>MB91F527RSCEQ-GSE2-ND                                                    |
| OSCILLATOR TYPE                  | External                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                             |
| NUMBER OF I/O                    | 115                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                     |
| EEPROM SIZE                      | 64K x 8                                                                                        |
| DETAILED DESCRIPTION             | FR81S FR MB91520 Microcontroller IC 32-Bit 80MHz 1.5625MB (1.5625M x 8) FLASH 144-LQFP (16x16) |
| DATA CONVERTERS                  | A/D 48x12b, D/A 2x8b                                                                           |
| CORE SIZE                        | 32-Bit                                                                                         |
| CORE PROCESSOR                   | FR81S                                                                                          |
| CONNECTIVITY                     | CANbus, CSIO, EBI/EMI, I <sup>2</sup> C, LINbus, SPI, UART/USART                               |

Related Tags

|                                            |                                                 |                                                |
|--------------------------------------------|-------------------------------------------------|------------------------------------------------|
| Cypress Semiconductor MB91F527RSCEQ-GSK5E2 | MB91F527RSCEQ-GSK5E2 Distributor                | MB91F527RSCEQ-GSK5E2 Supplier                  |
| MB91F527RSCEQ-GSK5E2 Price                 | MB91F527RSCEQ-GSK5E2 Pictures                   | MB91F527RSCEQ-GSK5E2 Image                     |
| MB91F527RSCEQ-GSK5E2 PDF Datasheet         | MB91F527RSCEQ-GSK5E2 Download Datasheet         | MB91F527RSCEQ-GSK5E2 Datasheet                 |
| MB91F527RSCEQ-GSK5E2 Stock                 | Buy MB91F527RSCEQ-GSK5E2                        | Buy Cypress Semiconductor MB91F527RSCEQ-GSK5E2 |
| Cypress Semiconductor MB91F527RSCEQ-GSK5E2 | Cypress Semiconductor Supplier                  | Cypress Semiconductor Distributor              |
| Cypress Semiconductor MB91F527RSCEQ-GSK5E2 | Cypress Semiconductor Corp MB91F527RSCEQ-GSK5E2 |                                                |

Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MB91F527RSCEQ-GSK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1.5MB FLASH 144LQFP<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>MB91F526LWCPMC-GSK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 176LQFP<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>MB91F527RSCPMC-GSK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1.5MB FLASH 144LQFP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>MB91F527MKCPMC-GTK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1.5MB FLASH 208LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MB91F527RJCPMC1-GS-F4E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1.5MB FLASH 144LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MB91F527USCPMC-GSK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1.5MB FLASH 176LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MB91F527YWCPB-GSK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1.5MB FLASH 416BGA<br/>In stock: Out stock<br/>RFQ</div>     |  <div><b>MB91F528MSCPMC-GTK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 2MB FLASH 208LQFP<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>MB91F528MKCPMC-GSK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 2MB FLASH 208LQFP<br/>In stock: Out stock<br/>RFQ</div>     |  <div><b>MB91F528MSCPMC-GSK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 2MB FLASH 208LQFP<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>MB91F526LWDPMC-GSK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: Out stock<br/>RFQ</div>                 |  <div><b>MB91F526LWEPMC-GSK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: Out stock<br/>RFQ</div>               |